



west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #: **15017**
Brownfield Site: Yes ☐ No ☒
Report Date: **6-27-16**
Page **1** of **4**

OFFICE OF ENVIRONMENTAL REMEDIATION
VOLUNTARY REMEDIATION PROJECT
SITE VISIT/INSPECTION REPORT

APPLICANT

NAME: Freedom Industries			NAME: Matt Ford		LRS# 240
ADDRESS: 1015 Barlow Drive			ADDRESS: 533 N. Jefferson St., Suite 3		
CITY: Charleston	STATE: WV	ZIP: 25311	CITY: Lewisburg	STATE: WV	ZIP: 24901
PHONE: (304)720-2312			PHONE: (304) 520-4260		
CONTACT: Robert Johns, Spill Claim Plan Administrator					

LRS

LOCATION

FACILITY: Freedom Industries		STREET ADDRESS: 1015 Barlow Drive	
CITY: Charleston	COUNTY: Kanawha	PHONE: ()	
DATE OF VISIT: June 27, 2016	TIME IN: ~ 11:00 am	TIME OUT: ~ 11:45 am	

SITE STATUS: Abandoned <input checked="" type="checkbox"/> Active <input type="checkbox"/>		UST's: Existing <input type="checkbox"/> Former <input checked="" type="checkbox"/>		SURFACE SOIL STAINING: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
SURFACE WATER ON OR ADJACENT TO PROPERTY: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		EXISTING MONITORING WELLS: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Existing Structures Including Dimensions and Use: 1. Former/current office building (offices, small coal testing lab and storage) - ~125'L x ~85'W x ~30'H; 2. Garage/maintenance and vehicle storage building - ~225'L x ~55'W x ~20'H					
Chemicals of Potential Concern: 4-methylcyclohexanemethanol (MCHM), propylene glycol phenyl ether (PPH), calcium chloride, ethylene glycol, glycerin, polychlorinated biphenyls (PCB's), lead, petroleum hydrocarbons, volatile organic compounds (VOC's) and semi-volatile organic compounds (SVOC's)					
DRINKING WATER SOURCE: GW <input type="checkbox"/> Public <input checked="" type="checkbox"/> Other		SURROUNDING LAND USE: Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Recreational <input type="checkbox"/> Agricultural <input type="checkbox"/> Other <input type="checkbox"/>			
OTHER AREAS OF CONCERN:					

COMMENTS

On-site at Freedom Industries AST release site @ ~ 1100 hrs. with Patty Hickman, Director. DLR. Weather: Mostly cloudy, ~ 78°. Gate to main office and garage area was closed and locked, but able to access spill/slope area via gravel road adjacent to Barlow Drive. Patty & I on-site to check on potential damage to concrete buttress, slope and capped areas by June 23-24 Elk River flooding.

Drove north to northern entrance of site and then onto gravel drive to top of slope/capped areas. Observed average grass growth with some browning of grass and some bare areas in former excavation area 1 driving to north gate. Got out of truck and walked to edge of slope - similar growth conditions in former excavation areas 2 and 3 (adjacent to and above spill slope). Concrete buttress is still in place and does not appear to have moved. River was up over lower road (former collection trench area) and appears to have risen just up over the top of the concrete buttress. However, there is still grass behind the buttress and at the base of the slope indicating significant erosion of the cap did not occur. It appears the angled block at the northern end of the buttress helped to preserve the cap at the base of the slope. Most of the capped area was unaffected by the flooding. Stick-up monitoring wells on the lower road are still in place; flush-mounted monitoring wells are buried under a layer of mud. The super silt fence constructed on the west side of the former collection trench for the excavation and capping is also still in place but has taken a beating. The Elk River is still up and muddy today, but continues to recede. Coconut and straw matting on the slope also helped to hold the clay cap in place. Noticed several areas where water is still seeping out of the slope to the surface, despite the french drain installation. No MCHM or petroleum odor noticeable. Overall, the cap and buttress appear to have survived the flooding well.

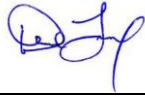
Took photos of slope and lower road.

Departed site ~ 1145 hrs. for DEP Office.

A numbered list of photos taken during today's site visit follows, with the photos attached below:

1. Concrete buttress at base of slope.
2. View of concrete buttress and lower road, looking south.
3. Mud and angled blocks at north end of buttress.
4. Bare areas in coconut matting on slope - looking north.
5. Erosion-control boom south of buttress.
6. View of lower road and mud, looking south.
7. View of sparse grass growth in matting - mid-slope area.
8. View of sparse grass growth in matting - upper-slope area.

Project Manager's Signature:



Date: 6-27-16

1.



3.



2.



4.



5.



7.



6.



8.

